

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	Not Yet Assigned
		Filing Date	Even Date Herewith
		First Named Inventor	Mitsushiro UENO et al
		Group Art Unit	1636
		Examiner Name	G. UZO
Sheet 2	of 2	Attorney Docket Number	UENO =8A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DG	AO	CHU et al., "Retroviral Vector Particles Displaying the Antigen-Binding Site of an Antibody Enable Cell-Type-Specific Gene Transfer", JOURNAL OF VIROLOGY, vol. 69, No. 4, pp. 2659-2663, (1995)	
DG	AP	HO et al; "Centrifugal Enhancement of Human Immunodeficiency Virus Type 1 Infection and Human Cytomegalovirus Gene Expression in Human Primary Monocyte/Macrophages In Vitro"; JOURNAL OF LEUKOCYTE BIOLOGY, Federation of American Societies for Experimental; Vol. 53, no. 2, February 1993; pp. 208-212	
DG	AQ	MORITZ et al., "Bone Marrow Extracellular Matrix Molecules Improves Gene Transfer Into Human Hematopoietic Cells via Retroviral Vectors", J. CLIN. INVEST, vol. 93, pp. 1451-1457, (1994)	
DG	AR	MORITZ et al., "Fibronectin Improves Transduction of Reconstituting Hematopoietic Stem Cells by Retroviral Vectors: Evidence of Direct Viral Binding to Chymotryptic Carboxy-Terminal Fragments", BLOOD, vol. 88, No. 3, pp. 855-862, (1996)	
DG	AS	OLSEN et al, "Use of Sodium Butyrate to Enhance Production of Retroviral Vectors Expressing CFTR cDNA", HUMAN GENE THERAPY, Vol. 6, 1995, pp. 1195-1202.	
DG	AT	PAGES et al; Activation of Moloney Murine Leukemia Virus LTR Enhances the Titer of Recombinant Retrovirus in psi-CRIP Packaging Cells"; GENE THERAPY; Vol. 2, No. 8, October 1995; pp. 547,551.	
DG	AU	SAPPEY et al; Iron Chelation Decreases NF-kB and HIV type 1 Activation Due to Oxidative Stress"; AIDS RESEARCH AND HUMAN RETROVIRUSES; Vol. 11, No. 9, 1995, pp. 1049-1061.	

Examiner Signature	/David Guzo/	Date Considered	09/23/2006
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 1

**Complete if Known**

Application Number	10/657,076
Filing Date	September 9, 2003
First Named Inventor	Mitsuhiro UENO
Group Art Unit	1636
Examiner Name	David Guzo
Attorney Docket Number	UENO=8A

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
DG	AV	JP-A 9-509303	09-22-1997			
DG	AW	WO 95/10619	04-20-1995	PALSSON et al.		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DG	AX	SALONEN, et al. <i>Retrovirus RD114 p30 is bound by the extracellular matrix proteins, fibronectin and laminin</i> , Virus Research, Vol. 1 (1984), pp. 427-431.	

Examiner  
Signature

/David Guzo/

Date  
Considered

09/23/2006

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.